

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90745

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB103167BL		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.00	0.00	10/11/2017	12:50
2	I5775-03		1	5.04	50	2.00	0.00	1.54	1.54	0.46	0.06	4.76	10/11/2017	12:52
3	I5775-03DUP		1	5.03	50	2.00	1.54	3.06	1.52	0.48	0.08	6.36	10/11/2017	12:55
4	I5780-04		1	5.05	50	2.00	3.06	4.56	1.50	0.50	0.10	7.92	10/11/2017	12:58
5	I5780-08		1	5.04	50	2.00	4.56	5.96	1.40	0.60	0.20	15.87	10/11/2017	13:02
6	I5782-16		1	5.03	50	2.00	5.96	7.54	1.58	0.42	0.02	1.59	10/11/2017	13:05
7	I5782-17		1	5.04	50	2.00	0.00	1.44	1.44	0.56	0.16	12.70	10/11/2017	13:08
8	I5782-22		1	5.06	50	2.00	1.44	2.84	1.40	0.60	0.20	15.81	10/11/2017	13:10

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume